

## State of Vermont

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Department of Forests, Parks and Recreation
Department of Environmental Conservation
State Geologist
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Waste Management Division
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November 1, 2000

RONALD WILLIAMSON 45 SOUTH MAPLE STREET VERGENNES, VT 05491

RE: Williamson Property, Charlotte, Vermont, Site # 98-2528

Dear Mr. Williamson:

The Vermont Department of Environmental Conservation, Sites Management Section (SMS), has reviewed the Semi-Annual Groundwater Monitoring report prepared by Lincoln Applied Geology for the above referenced site. Based on the information contained in the report as well as additional site file information, the SMS has concluded that the Williamson Property is eligible for a Site Management Activity Completed (SMAC) designation. This conclusion is based on the following:

- On October 28, 1998, three underground storage tanks (USTs) were removed from the above referenced site. USTs removed included one gasoline UST (2,000 gallon) and two USTs (550 gallon, 1,000 gallon) that contained an unknown petroleum product. Screening of soil by photoionization detector (PID) revealed elevated organic vapors up to 770 parts per million (ppm) in the excavation.
- Analytical results for previous sampling of two nearby, and one on site drinking water supply did not detect any EPA Method 8260M volatile organic compounds (VOCs) above Ground Water Enforcement Standards (GWES).
- Analytical results for the last two rounds of groundwater sampling (April 2000, September 2000) did not detect any EPA Method 8260M volatile organic compounds (VOCs) above GWES.
- Any residual contamination does not pose an unacceptable risk to human health or the environment.

Based on these findings, the SMS has determined a Site Management Activities Completed (SMAC) designation is warranted. The SMAC designation does not release you from past or future liability which may arise from the petroleum contamination that originated from the release that occurred at the Williamson Property site. It does mean the SMS is not requiring that any additional work be performed at the site at this time.

If the monitor wells are no longer used or maintained, they must be properly closed to eliminate a possible conduit for residual contamination migration into the subsurface. Closure typically involves

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filling the wells with a grout material to prevent fluid migration into the borehole. Also the road box or well guard must be removed before closure is considered complete. Specific requirements well closure are outlined in Section 12.3.5 in Appendix A of the Vermont Water Supply Rule - Chapter 21.

If you have any questions please feel free to contact me (802) 241-3491 or Mike Young at (802) 241-3887.

The SMS appreciates your cooperation in this manner.

George Desch, Chief, P.E.

Sites Management Section

cc: DEC Regional Office Charlotte Selectboard

GD/MWY/PETRO/2528SMAC.LTR